L Number	บ	Search Text	מת ו	Time stamp
1	3771	((422/1) or (422/5) or (422/28) or (422/32)	DB	
1	3//1	or (422/34) or (422/123) or (422/125)).CCLS.	USPAT; US-PGPUB;	2003/12/05 11:44
		OI (422/34) OI (422/123) OI (422/123)).CCLS.	EPO; JPO;	
			DERWENT;	
		·	IBM TDB	
2	23503	((((condensat\$) or (condens\$)) and ((fog\$)	USPAT;	2003/12/05 11:44
] ~		or (aerosol) or (mist) or (nebuliz\$))) and	US-PGPUB;	=====================================
		((hydrogen peroxide) or ("h.sub.2o.sub.2")	EPO; JPO;	
		or (peroxide))) and ((temperature) or	DERWENT;	
		(deg.c) or (deg. adj c))	IBM TDB	
3	93	(((((condensat\$) or (condens\$)) and ((fog\$)	USPAT;	2003/12/05 11:45
		or (aerosol) or (mist) or (nebuliz\$))) and	US-PGPUB;	
	-	((hydrogen peroxide) or ("h.sub.2o.sub.2")	EPO; JPO;	
		or (peroxide))) and ((temperature) or	DERWENT;	
		(deg.c) or (deg. adj c)) and (((422/1) or	IBM_TDB	
		(422/5) or (422/28) or (422/32) or (422/34) or (422/123) or (422/125)).CCLS.)		
4	3073	((pet) or (plastic) or (plastics)) and	HCDAT.	2003/12/05 11:46
"	3073	(((bottle) or (bottles) or (container) or	USPAT; US-PGPUB;	2003/12/05 11:46
İ		(beaker)) and (air and ((((condensat\$) or	EPO; JPO;	
	:	(condens\$)) and ((fog\$) or (aerosol) or	DERWENT;	
		(mist) or (nebuliz\$))) and ((hydrogen	IBM TDB	
		peroxide) or ("h.sub.2o.sub.2") or		
		(peroxide))) and ((temperature) or (deg.c)		
		or (deg. adj c)))))		
5	47		USPAT;	2003/12/05 11:46
		(((bottle) or (bottles) or (container) or	US-PGPUB;	
		(beaker)) and (air and ((((condensat\$) or	EPO; JPO;	
		(condens\$)) and ((fog\$) or (aerosol) or	DERWENT;	
		<pre>(mist) or (nebuliz\$))) and ((hydrogen peroxide) or ("h.sub.2o.sub.2") or</pre>	IBM_TDB	
		(peroxide))) and ((temperature) or (deg.c)		
		or (deg. adj c)))))) and (((((condensat\$)		
		or (condens\$)) and ((fog\$) or (aerosol) or		
}		(mist) or (nebuliz\$))) and ((hydrogen		
		peroxide) or ("h.sub.2o.sub.2") or		
1		(peroxide))) and ((temperature) or (deg.c)		
		or (deg. adj c))) and (((422/1) or (422/5)		
		or (422/28) or (422/32) or (422/34) or		
		(422/123) or (422/125)).CCLS.))		
-	835232	(hydrogen peroxide) or ("h.sub.2o.sub.2") or	USPAT;	2003/11/12 12:18
		(peroxide)	US-PGPUB;	
			EPO; JPO; DERWENT;	
]			IBM TDB	
-	213390	(fog\$) or (aerosol) or (mist) or (nebuliz\$)	USPAT;	2003/11/10 14:22
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	650136	(condensat\$) or (condens\$)	USPAT;	2003/11/10 14:23
]			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
[_	3262722	(temperature) or (dos s) or (dos sdi s)	IBM_TDB	2002/11/10 11 0-
-	3262723	(temperature) or (deg.c) or (deg. adj c)	USPAT;	2003/11/10 14:25
			US-PGPUB; EPO; JPO;]
			DERWENT;	
			IBM TDB	
-	40668	((condensat\$) or (condens\$)) and ((fog\$) or	USPAT;	2003/11/10 14:25
` `		(aerosol) or (mist) or (nebuliz\$))	US-PGPUB;	,,
		• • • • • • • • • • • • • • • • • • • •	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	24218	(((condensat\$) or (condens\$)) and ((fog\$) or	USPAT;	2003/11/10 14:25
		(aerosol) or (mist) or (nebuliz\$))) and	US-PGPUB;	
		((hydrogen peroxide) or ("h.sub.2o.sub.2")	EPO; JPO;	
		or (peroxide))	DERWENT;	
		To the second se	IBM_TDB	

-	23178	<pre>((((condensat\$) or (condens\$)) and ((fog\$) or (aerosol) or (mist) or (nebuliz\$))) and</pre>	USPAT; US-PGPUB;	2003/12/05 11:44
		((hydrogen peroxide) or ("h.sub.2o.sub.2")	EPO; JPO;	
		or (peroxide))) and ((temperature) or	DERWENT;	
_	2375825	(deg.c) or (deg. adj c))	IBM_TDB USPAT;	2003/11/10 14:26
	2373323		US-PGPUB;	2003/11/10 14.20
			EPO; JPO;	
			DERWENT; IBM TDB	
-	12187	air and (((((condensat\$) or (condens\$)) and	USPAT;	2003/11/10 14:27
		((fog\$) or (aerosol) or (mist) or	US-PGPUB;	
		(nebuliz\$))) and ((hydrogen peroxide) or ("h.sub.20.sub.2") or (peroxide))) and	EPO; JPO; DERWENT;	
		((temperature) or (deg.c) or (deg. adj c)))	IBM TDB	
-	1100460	(bottle) or (bottles) or (container) or	USPAT;	2003/11/10 14:28
		(beaker)	US-PGPUB; EPO; JPO;	
			DERWENT;	
	5650		IBM_TDB	
-	5658	((bottle) or (bottles) or (container) or (beaker)) and (air and ((((condensat\$) or	USPAT; US-PGPUB;	2003/11/10 14:29
		(condens\$)) and ((fog\$) or (aerosol) or	EPO; JPO;	
·		(mist) or (nebuliz\$))) and ((hydrogen	DERWENT;	
		peroxide) or ("h.sub.2o.sub.2") or (peroxide))) and ((temperature) or (deg.c)	IBM_TDB	
		or (deg. adj c))))		
-	1513405	(pet) or (plastic) or (plastics)	USPAT;	2003/11/10 14:29
			US-PGPUB; EPO; JPO;	
			DERWENT;	
_	2989	((pet) or (plastic) or (plastics)) and	IBM_TDB USPAT;	2003/12/05 11:45
	2,00	(((bottle) or (bottles) or (container) or	US-PGPUB;	2003/12/05 11:45
		(beaker)) and (air and ((((condensat\$) or	EPO; JPO;	
		(condens\$)) and ((fog\$) or (aerosol) or (mist) or (nebuliz\$))) and ((hydrogen	DERWENT; IBM TDB	
		peroxide) or ("h.sub.2o.sub.2") or	12122	
		(peroxide))) and ((temperature) or (deg.c)		
_	328205	or (deg. adj c))))) air with ((temperature) or (deq.c) or (deq.	USPAT;	2003/11/12 12:17
1		adj c))	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	2384343	(sterili\$) or (decontaminat\$) or	USPAT;	2003/11/10 14:33
		(disinfect\$) or (treat\$)	US-PGPUB; EPO; JPO;	
			DERWENT;	
	601	(/atomilia) on /dominioning A)	IBM_TDB	
	691	((sterili\$) or (decontaminat\$) or (disinfect\$) or (treat\$)) and ((air with	USPAT; US-PGPUB;	2003/11/10 14:46
		((temperature) or (deg.c) or (deg. adj c)))	EPO; JPO;	
		and (((pet) or (plastic) or (plastics)) and	DERWENT;	
		<pre>(((bottle) or (bottles) or (container) or (beaker)) and (air and ((((condensat\$) or</pre>	IBM_TDB	
		(condens\$)) and ((fog\$) or (aerosol) or		
		<pre>(mist) or (nebuliz\$))) and ((hydrogen peroxide) or ("h.sub.2o.sub.2") or</pre>		
		(peroxide))) and ((temperature) or (deg.c)		
	2220	or (deg. adj c))))))		
-	76594	(422/\$).ccls.	USPAT; US-PGPUB;	2003/11/10 14:47
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

		T . (T ===	
j -	36	((422/\$).ccls.) and (((sterili\$) or	USPAT;	2003/11/12 10:34
ļ	1	(decontaminat\$) or (disinfect\$) or (treat\$))	US-PGPUB;	
}		and ((air with ((temperature) or (deg.c) or	EPO; JPO;	
		(deg. adj c))) and (((pet) or (plastic) or	DERWENT;	
1		(plastics)) and (((bottle) or (bottles) or	IBM TDB	
i		(container) or (beaker)) and (air and	_	
		(((((condensat\$) or (condens\$)) and ((fog\$)		
i		or (aerosol) or (mist) or (nebuliz\$))) and		
i		((hydrogen peroxide) or ("h.sub.20.sub.2")	ŀ	1
		or (peroxide))) and ((temperature) or		
i		(deg.c) or (deg. adj c)))))))		
i	550			2002/22/20 20 02
-	773		USPAT;	2003/11/12 12:01
i		adj c))) and (((pet) or (plastic) or	US-PGPUB;	
i		(plastics)) and (((bottle) or (bottles) or	EPO; JPO;	
		(container) or (beaker)) and (air and	DERWENT;	
i		(((((condensat\$) or (condens\$)) and ((fog\$)	IBM_TDB	
		or (aerosol) or (mist) or (nebuliz\$))) and		
		((hydrogen peroxide) or ("h.sub.20.sub.2")		
	!	or (peroxide))) and ((temperature) or		
		(deg.c) or (deg. adj c))))))		
	335442		USPAT;	2003/11/12 12:17
	000112	adj c) or (deg adj2 c))	US-PGPUB;	2003/11/12 12:17
	İ	day 0, 01 (dog day2 0,7	EPO; JPO;	
			DERWENT;	
	4080219	remov\$ or dry\$	IBM_TDB	0000/11/10 10 10
-	4080219	removs or drys	USPAT;	2003/11/12 12:18
	l		US-PGPUB;	
	l		EPO; JPO;	
	l		DERWENT;	
	ľ		IBM_TDB	
-	835737	(hydrogen peroxide) or ("h.sub.2o.sub.2") or	USPAT;	2003/11/12 12:28
	l	(peroxide)	US-PGPUB;	
			EPO; JPO;	:
			DERWENT;	
			IBM TDB	
-	591	(remov\$ or dry\$) adj ((hydrogen adj	USPAT;	2003/11/12 12:29
		peroxide) or ("h.sub.2o.sub.2"))	US-PGPUB;	,
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
<u>-</u>	98043	(hydrogen adj peroxide) or		2002/11/12 12:20
-	30043		USPAT;	2003/11/12 12:30
		("h.sub.20.sub.2")	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	13		USPAT;	2003/11/12 12:30
		peroxide) or ("h.sub.2o.sub.2"))) same (air	US-PGPUB;	
		with ((temperature) or (deg.c) or (deg. adj	EPO; JPO;	! !
		c) or (deg adj2 c)))	DERWENT;	
			IBM_TDB	

WEST

End of Result Set

Generate Collection Print

L2: Entry 1 of 1

File: DWPI

Mar 6, 1992

DERWENT-ACC-NO: 1992-143376

DERWENT-WEEK: 199218

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TITLE: Sterilisation of food containers - by hydrogen peroxide vapour from nebulising chamber which eliminates large droplets

INVENTOR: DRONET, J M

PATENT-ASSIGNEE:

ASSIGNEE CMB REMY

CODE

REMY

PRIORITY-DATA: 1990FR-0010945 (September 3, 1990)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

FR 2666299 A

March 6, 1992

011

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

FR 2666299A

September 3, 1990

1990FR-0010945

INT-CL (IPC): B65B 55/06

ABSTRACTED-PUB-NO: FR 2666299A

BASIC-ABSTRACT:

Containers are sterilised by hydrogen peroxide sprayed into them with warm air. Hydrogen peroxide mist is generated in a nebulising chamber. This chamber is part full of liq. hydrogen peroxide. Liq. is drawn into the nebuliser itself, above the surface, and atomised. Any large droplets of hydrogen peroxide produced will return to the body of liq., as well any coagulated droplets, ensuring a fine spray of hydrogen peroxide in the space above the liq.. Warm, sterile air is blown into this space when a sterilising spray is required, forcing droplets of hydrogen peroxide out through a pipe, to a nozzle above the item for sterilisation.

USE/ADVANTAGE - Sterilisation of food containers prior to use. The fine spray of hydrogen peroxide leaves a thin film only on the surface of the container, which dries quickly. Warm propellant air, at about 80 deg.C is the optimum temp. for hydrogen peroxide sterilisation.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: STERILE FOOD CONTAINER HYDROGEN PEROXIDE VAPOUR NEBULISER CHAMBER

ELIMINATE DROP

DERWENT-CLASS: D22 E36 Q31

CPI-CODES: D09-A01A; E31-E;

CHEMICAL-CODES:

Chemical Indexing M3 *01*
 Fragmentation Code
 C101 C408 C550 C730 C800 C801 C802 C804 C805 C807
 M411 M781 M903 M904 M910 Q261 R011
 Specfic Compounds
 01732U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1732U

SECONDARY-ACC-NO: CPI Secondary Accession Numbers: C1992-066469 Non-CPI Secondary Accession Numbers: N1992-107177

End of Result Set

Generate Collection Print

L1: Entry 1 of 1

File: DWPI

May 23, 1985

DERWENT-ACC-NO: 1985-128872

DERWENT-WEEK: 198522

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TITLE: Beakers sterilised at beaker filling machine - with atomised hydrogen peroxide

propelled by large vol. of hot air followed by drying with hotter air

INVENTOR: REINECKE, G

PATENT-ASSIGNEE:

ASSIGNEE HAMBA-MASCH MULL H

PRIORITY-DATA: 1983DE-3339930 (November 4, 1983), 1983DE-3339330 (November 4, 1983)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

CODE

HAMBN

PAGES

MAIN-IPC

DE 3339930 A

May 23, 1985

023

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

DE 3339930A

November 4, 1983

1983DE-3339330

INT-CL (IPC): A61L 2/18; B65B 55/10; F26B 15/18

ABSTRACTED-PUB-NO: DE 3339930A

BASIC-ABSTRACT:

Beakers 13), e.g. of plastics, paper, cardboard or glass, for containing foods or drinks are sterilised within the working cycle of a beaker filling machine using a sterilising agent, esp. hydrogen peroxide, atomised with air at room temperature. The atomised sterilising agent is injected into a large volume of hot air, at least at 100 (100-110) deg. C acting as the carrier. A quantity of this hot air stream several times greater than the volume of the beaker (13) is then jetted onto the internal surface of the beaker by an annular nozzle (29), flowing down the inner face of the beaker and returning upwards at the centre (S). In a next succeeding step, the beaker is dried with hot air at a second, higher temperature level, esp. 120-140 Deg. C. The preferred (very low) ratio of hydrogen peroxide to air is 8-14 ppm.

USE/ADVANTAGE - For sterilising glass, paper, cardboard or plastics beakers before filling. The quantity of hydrogen peroxide or other sterilising agent required is extremely small but nevertheless effective sterilisation is achieved and no problem is encountered in removing all traces of the agent in the hot air drying process.

CHOSEN-DRAWING: Dwg.5/6

TITLE-TERMS: BEAKER STERILE BEAKER FILL MACHINE ATOMISE HYDROGEN PEROXIDE PROPEL VOLUME HOT AIR FOLLOW DRY HOT AIR

DERWENT-CLASS: D22 P34 Q31 Q76

CPI-CODES: D09-A01A;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1732U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1985-056072 Non-CPI Secondary Accession Numbers: N1985-096924